

Date: Sat, 20 Nov 93 04:30:20 PST
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V93 #107
To: Ham-Equip

Ham-Equip Digest Sat, 20 Nov 93 Volume 93 : Issue 107

Today's Topics:

Drake R4A ... any good?
Electronic Keyer Kit
HTX202 ptt touchtone level adjustment
MFJ-1796 40-6 Meter Vertical?
Mods for Kenwood T-50S
Mr. Microphone Adjustments
Need IC211 manual/repair help
Problems with Kenwood TM-742A
Tentec Scout 555 or a Yaesu FT747GX? (2 msgs)
UHF Repeater for Sale
Whats an M-C-S CO-9540 (4 Port Delay?)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 17 Nov 93 08:49:41 GMT
From: noc.near.net!news.delphi.com!BIX.com!arog@uunet.uu.net
Subject: Drake R4A ... any good?
To: ham-equip@ucsd.edu

o10022@a81.corp.mot.com writes:

>Having a chance to buy a used Drake R4A (plus some miscellaneous) for my
>son, at under \$150, but having no knowledge of that particular rig, have
>any of you comments to offer on that equipment? Thanks, and reply by email
>if preferred.

>Tony Briggs

Tony, I've a Drake R4B and while I don't remember the diffs to the A model, they are both very nice receivers with mechanical filters for selectivity. I prefer them to the R4C in that it has crystal filters that are hardwired to the mode switch where the A and B give the ability to set the mode to AM and the filter to CW and so on. (CW selectivity on a very qrm'd SSB signal can make a major difference...)

I'd say 'go for it'... if it's reasonably clean and appears to work reasonably.

alan

Date: Sat, 13 Nov 1993 02:21:54 GMT
From: dog.ee.lbl.gov!agate!doc.ic.ac.uk!pipex!sunic!psinnntp!psinnntp!gdstech!
gdstech!bat@network.ucsd.edu
Subject: Electronic Keyer Kit
To: ham-equip@ucsd.edu

A few years ago, there was an article in QST about the CMOS Super Keyer II. I bought the kit from Idiom Press, and put it together in a few hours. It's a 1 chip microprocessor, and you just add some resistors, switches, a pot and battery holder. Works great. It has 4 memory positions, and is controlled by Morse commands on the paddles. Speeds from 6 to 60 on the pot. Works great in contests, and batteries last for years. Send a sase to Idiom Press at Box 683, Deerfield, Ill, 60015 for info.

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* Pat Masterson D12-25 | KE2LJ@KC2FD *
* Grumman Data Systems | 516-346-6316. *
* Bethpage, NY 11746 | bat@gdstech.grumman.com *

Date: Wed, 17 Nov 1993 03:55:50 GMT
From: gatech!news-feed-1.peachnet.edu!umn.edu!csus.edu!netcom.com!
wa2ise@uunet.uu.net
Subject: HTX202 ptt touchtone level adjustment
To: ham-equip@ucsd.edu

copied from packet:
From: KA4NMX@KI4FL
To: INFO@ALLUSA

Subject: HTX-202 TT PAD ADJUSTMENT

Radio Shack has just released an adjustment to the HTX-202 Handie....
It has to do with the PTT tone volume.. It goes as Follows

If you have trouble getting the touch-tones on the HTX-202 2-meter Ham Radio Transceiver (Cat No. 19-1120) to work with the local Repeater, try resetting the unit's touch-tone audio level.

To do this, you can adjust the touchtone pot (RV 1001) down until the tones don't decode, then up again until it JUST works. (Simply tuning down is NOT as reliable as this metho You uld make NO other adjustments!

Also, many repeaters will read back the tones once they decode properly. If you are unsure how to do this, you can find out from another repeater member.

This is all R.S. would have to say about there HTx-202. If you have had any problems with using the phone patch, this should cure it. Some have been setting the << Auto Reply >> function in the main setup to << ON >> to cure this problem. If you have, set it back to << OFF >> before adjusting (RV 1001) pot. Hope this helps.....

73's for now..Russell...Ka4nmx @ Ki4fl

Date: 17 Nov 1993 15:08:14 GMT
From: ftpbox!mothost!delphinium.rtsq.mot.com!rtsq.mot.com!reichrt@uunet.uu.net
Subject: MFJ-1796 40-6 Meter Vertical?
To: ham-equip@ucsd.edu

Anyone out there using the MFJ 1796 vertical?
If so I'd like to here comments on them, pro or con.

Like how well does it load, ease of installation, construction quality, weatherproofing of coils, connections, apparent efficiency, etc?

Thanks in advance,

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=====
| Charles H. Reichert      708-632-6669 Work - MOTOROLA, INC  Cellular |
| KD9JQ                   708-358-3827 HOME - after 8PM CST  weekdays |
| reichrt@rtsq.mot.com    955 Concord Ln. Hoffman Ests., IL. 60195  |
=====
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Date: 20 Nov 1993 03:44:27 GMT
From: munnari.oz.au!goanna.cs.rmit.oz.au!aggedor.rmit.OZ.AU!
harbinger.cc.monash.edu.au!monu1.cc.monash.edu.au!maramis@network.ucsd.edu
Subject: Mods for Kenwood T-50S
To: ham-equip@ucsd.edu

I am after modifications for the Kenwood T-50S H.F. radio for general coverage operation..

Can anybody help ???

Jim Maramis
Monash University,
Melbourne Australia.

Date: Thu, 18 Nov 1993 21:20:05 GMT
From: mvb.saic.com!unogate!news.service.uci.edu!usc!howland.reston.ans.net!gatech!
news-feed-2.peachnet.edu!concert!inxs.concert.net!taco!cmgrawbu@network.ucsd.edu
Subject: Mr. Microphone Adjustments
To: ham-equip@ucsd.edu

Hello. I'm not suer if this is the right group to post in but it's worth a try.

I just bought a Mr. Microphone and I was wondering if there is anyone out there who has had any luck making so adjustments to it such as:

- 1) Adjust the frequency of the transmission to any great extent (different band?)
- 2) Increase the power output a great deal?

Any ideas would be appreciated!!

thanx!!

Chris

Date: 16 Nov 1993 21:59:18 GMT
From: newsstand.cit.cornell.edu!newsstand.cit.cornell.edu!usenet@cu-
arpa.cs.cornell.edu

Subject: Need IC211 manual/repair help
To: ham-equip@ucsd.edu

A friend recently purchased an ICOM IC211 2 meter all mode radio with the remote vfo box (RM2). Unfortunately it didn't come with manuals, and now has developed a couple of problems. One is really low output (blown final?) and the other is a tendency to hop frequencies while in operation (sometimes to 144.0, sometimes inverted on the repeater channel).

He'd really like to track down a manual, a service manual, or at least a schematic for the beast, along with any information about these problems (i.e. are there some typical failure modes in these radios, like the IC22S grommet problem?) Probably there is some useful information on mods and stuff out there also that would be of interest too - I know these were pretty popular and there were some front end mods for them.

He doesn't have net access, but I can relay to him or provide phone information.

He's of course willing to pay copying costs, mailing, etc.

Thanks in advance

Kevin, WB2EMS

Date: 19 Nov 93 00:26:42 GMT
From: telesoft!garym@uunet.uu.net
Subject: Problems with Kenwood TM-742A
To: ham-equip@ucsd.edu

In <CFoJ0J.973@alsys.com> garym@alsys.com (Gary Morris @ignite) writes:
>The first 742A I received from HRO had problems with setting CTCSS tones,
>...

>My 742A got into this mode after I tried to turn on the S-meter squelch mode.
>HRO swapped it for another unit and it works, but I'm afraid to try S-meter
>squelch again right now...

Well, after 3 weeks of perfect operation with my third 742A, I decided to

try the S-meter squelch mode again. Worked great for about 10 minutes, then the display froze up and it shut off just like the second radio I had. Now when powered up, it displays -on- for a few seconds and shuts down. The key sequence for resetting the cpu doesn't help. So it's back to HRO again. I'm getting really tired of this.

--GaryM

--

Gary Morris KK6YB
San Diego, CA USA

Internet: garym@alsys.com
Phone: +1 619-457-2700 x128 (work)

Date: 18 Nov 93 17:32:21 GMT
From: auratek!epacyna@uunet.uu.net
Subject: Tentec Scout 555 or a Yaesu FT747GX?
To: ham-equip@ucsd.edu

> In article g3h@cville-srv.wam.umd.edu, ham@wam.umd.edu (Scott Richard Rosenfeld) writes:

> >

> >The Scout almost surely has a better receiver, and better filtering.
 ^^^^^^^^^^^^^^

OK, now that we're all sure of which product has the better receiver etc., Yaesu has a brand new entry level transceiver called the FT840.

At \$795, I'm pretty impressed with the one I have, but I'll leave the product reviews / comparisons to others.

73

Ed W1AAZ

Date: 19 Nov 1993 22:10:56 GMT
From: korie1!newscast.West.Sun.COM!abyss.West.Sun.COM!sunspot!myers@ames.arpa
Subject: Tentec Scout 555 or a Yaesu FT747GX?
To: ham-equip@ucsd.edu

In article h5@oak.oakland.edu, prvalko@vela.acs.oakland.edu (prvalko) writes:

>

>: It isn't clear that the Ten-tec receiver is superior to the FT-747GX receiver.

>: Without objective test results, I'd avoid making such judgement. If you

>: have some objective data, I'd like to see it.

>

>Actually, Dana, isn't obvious that a TenTec PT0 beats a synthesizer and

>its' inherent phase noise? Also, I'll take the Jones filter over
>nothing any day. A friend of mine has a 747 and it is a really nice
>radio, I even thought of getting one as a mobile/spare a couple years
>back. 73 paul

Actually, pvalko, it isn't obvious that a Ten-Tec PT0 beats a synthesizer.
Certainly, Ten-Tec does have reputation for building exceptional receivers,
but I'm not one to simply assume "it is a Ten-Tec, it must be like all the
others".

I was looking for some objective numbers rather than religion :-)

* Dana H. Myers KK6JQ, DoD 466 | Views expressed here are *
* (310) 348-6043 | mine and do not necessarily *
* Dana.Myers@West.Sun.Com | reflect those of my employer *
* This Extra supports the abolition of the 13 and 20 WPM tests *

Date: 19 Nov 93 18:26:31 GMT
From: ogicse!uwm.edu!math.ohio-state.edu!howland.reston.ans.net!news.cac.psu.edu!
psuvm!axb30@network.ucsd.edu
Subject: UHF Repeater for Sale
To: ham-equip@ucsd.edu

I have the following for sale:

Regency UHF Repeater (estimate 10-15W power)

Data Signal Inc., Autopatch Model RAP 200
Model # RAP 200

Phelps Dodge Communications duplexers (4)

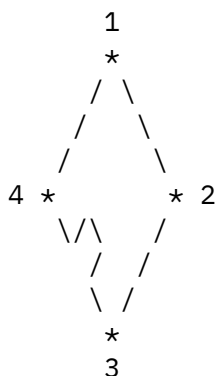
The equipment was previously used for a mobile phone/pager network running
on the 400MHz band.

Atle Bjanas,
axb30@psuvm.psu.edu (717) 534-5006 (voice)

Date: Thu, 11 Nov 1993 21:06:24 GMT
From: agate!apple.com!goofy.apple.com!mumbo.apple.com!gallant.apple.com!
dfrancis.apple.com!user@ames.arpa
Subject: Whats an M-C-S C0-9540 (4 Port Delay?)
To: ham-equip@ucsd.edu

I recently bought what appears to be a 4 port microwave delay of some sort. It was manufactured by MCS of Monrovia, CA, is a model # CO-9540 and has an illustration on it that appears to be a diagram for a 4 port network in a diamond configuration with the leg between ports 3 and 4 as a delay line. Outside it's just a grey box with 4 Type N connectors. Inside 4 pieces of hardline are connected between the N's.

Illustration:



What is it? Who made it? Are they still in business? Phone#?

Date: 13 Nov 93 11:51:54 GMT
From: dog.ee.lbl.gov!agate!library.ucla.edu!europa.eng.gtefsd.com!emory!swrinde!
dptspd!TAMUTS.TAMU.EDU!bloom-beacon.mit.edu!noc.near.net!news.delphi.com!BIX.com!
arog@network.ucsd.edu
To: ham-equip@ucsd.edu

References <CFzDIu.4oM@srigenprp.sr.hp.com>,
<1993Nov4.204630.22470@newsgate.sps.mot.com>, <2bcant\$isb@hp-col.col.hp.com>MU.
Subject : Re: Type Accepted ham HT's??

bobw@col.hp.com (Bob Witte) writes:

>Dave Kinzer (kinzer@dtsdev0.sps.mot.com) wrote:

<stuff deleted>
> problems. Frequency abuse will start to occur when these radios
> fall into the wrong hands. "Hey, I can use any d*m* frequency I
> want!" Expect this to cause the FCC to clamp down on the manufacture
> or import of radios with out-of-band capability.

This sort of thing is already a problem. I saw Icoms on construction projects as long ago as over ten years ago, thumbwheels and all.

Some of these radios were RENTED from outfits that were in the two-way business and should have known better. Take a look at whats in 47 CFR ... argh. That volume of the rules has hidden itself in this mess. Its the first volume of the FCC R&R and it has the rules for "type acceptance" as well as approved, notified, and so on.... These rules have been made progressivley tighter just because of this crud.

End of Ham-Equip Digest V93 #107
